

AMENDMENTS TO THE SPECIFICATION

Please amend the specification, with prejudice, as follows where bolding and underlining identify added material and strikethroughs identify deleted material:

Amendments to first paragraph of page 2 (lines 5-14):

CROSS-REFERENCE TO RELATED APPLICATIONS

The present application for United States Patent is **a Rule 53(b) nonprovisional continuation patent application** based upon, and claims the priority of, **U.S. nonprovisional patent application Serial No. 10/038,111, filed 02 January 2002, entitled Capacitive Sensor Systems and Methods with Increased Resolution and Automatic Calibration and** the following U.S. Provisional Applications for Patent assigned to iRobot Corporation of Somerville, MA, the assignee of the present application:

Serial No. 60/259,360, filed January 2, 2001, entitled "Toy Sensors"; and
Serial No. 60/266,260, filed February 2, 2001, entitled "Capacitive Sensor".

Each of these applications is incorporated by reference herein as if set forth in its entirety.